

Filter media

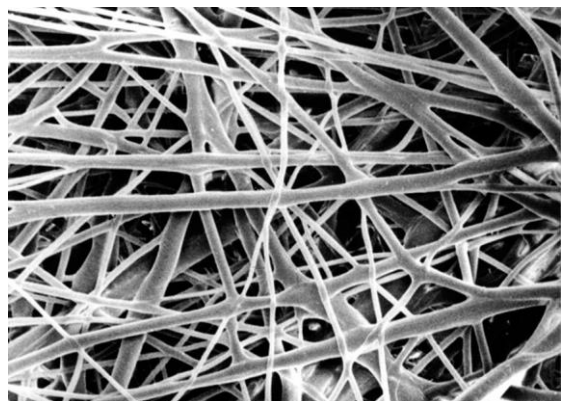
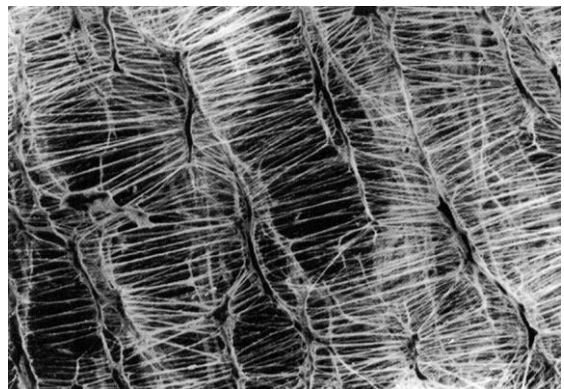
Overview

1. Features

Filtration Group offers a wide selection of filter media for dust filter elements. This ensures that the right solution can be found for nearly every application.

Special filter media with PTFE membranes, meltblown micro fibre fleece or Web coatings guarantee optimal costs and reliable long-term operation of dust collector systems.

Media conform to EU regulations and FDA requirements are available for the pharmaceutical and food industries.



2. Table

Type	Media	electro- stat. con- ductive	Test certificate/ Dust class	FOOD EU 10/2011 + FDA	Air perme- ability [m³/m²h] Δp 200 Pa	max. operating tempe- rature [°C]	Properties/ Applications
Ti 07/1	Polyester fleece with PTFE membrane	yes	DIN EN 60335-2-69 "M" EN 1822-3 "E10"	yes	145	130 (perm.) 150 (peaks)	Hazardous areas, electrostatically chargeable dusts, high load, difficult fine dusts
Ti 08	Polyester fleece, aluminium coated	yes	DIN EN 60335-2-69 "M"	yes	580	130 (perm.) 150 (peaks)	Hazardous areas, electrostatically chargeable dusts, chemical and food industry
Ti 10	Cellulose with polyester fibres	no	DIN EN 60335-2-69 "M" EN 779 "F9"	no	760	90 (perm.)	High air permeability and stability because of hydrophobe properties, gas turbines
Ti 15	Polyester fleece	no	DIN EN 60335-2-69 "M" EN 779 "F8"	yes	580	130 (perm.) 150 (peaks)	High stability, chemical resistance, washable, food industry, gas turbines
Ti 18/1	Polyphenyl sulphide with PTFE membrane	no	DIN EN 60335-2-69 "M" EN 1822-3 "E10"	yes	200	160 (perm.) 190*	Very good separation, difficult fine dusts, high chemical resistance to organic solvents, alkalis and acids
Ti 19/2	Cellulose/polyester carrier with PP melt-blown	no	DIN EN 60335-2-69 "M" EN 779 "F9"	no	1230	90 (perm.)**	Very good separation, difficult fine dusts, high air permeability, high load
Ti 26	Glass fibre, laminated	no	DIN EN 60335-2-69 "H" EN 1822-3 "H14"	yes	90	90 (perm.)	Separation of airborne particulates, secondary filter (not cleanable), high separation
Ti 35	Polypropylen (PP)	no	DIN EN 60335-2-69 "L"	yes	1080	80 (perm.)	Very good chemical resistance and against hydrolysis, washable, high air permeability, food industry
Ti 56/2	Polyester fleece with PTFE-membrane	no	DIN EN 60335-2-69 "M" EN 1822-3 "E10"	yes	250	130 (perm.) 150 (peaks)	Very good separation, difficult fine dusts, high load, washable, food industry
Ti 69	Polyester fleece, oil and water-repellent	no	DIN EN 60335-2-69 "L"	no	630	130 (perm.) 150 (peaks)	High air permeability, very good cleanable, high stability, oil and water-repellent
Ti 70	Cellulose with 30 % polyester fibres	no	DIN EN 60335-2-69 "M"	no	450	120 (perm.)	Good cleanable, ecologically harmless fabrication, improved wet strength
Ti 201	Polyester fleece with polyester nano fibres (M-Web)	no	DIN EN 60335-2-69 "M"	no	540	130 (perm.) 150 (peaks)	Good cleanable, high separation ratio at poor pressure drop, washable
Ti 202	Polyester fleece with PTFE membrane	no	DIN EN 60335-2-69 "M"	no	250	130 (perm.) 150 (peaks)	Very good separation, high load, washable
Ti 205	Cellulose with 20 % polyester fibres	no	DIN EN 60335-2-69 "M"	no	560	90 (perm.)	High air permeability and stability because of hydrophobe properties, flame-retardant

* with reduced oxygen content

** only dry air

2. Table

Type	Media	electro- stat. con- ductive	Test certificate/ Dust classe	FOOD EU 10/2011 + FDA	Air perme- ability [m³/m²h] Δp 200 Pa	max. operating tempe- rature [°C]	Properties/ Applications
Ti 206	Cellulose with polyester fibres (M-Web)	no	DIN EN 60335-2-69 "M"	no	650	90 (perm.)	High air permeability and stability because of hydrophobe properties, good cleanable, high separation ratio at poor pressure drop, flame-retardant
Ti 2011	Polyester fleece with stainless steel fibres and PTFE membrane	yes	DIN EN 60335-2-69 "M" EN 1822-3 "E10"	yes	180	130 (perm.)	Hazardous areas, electrostatically chargeable dusts, high stability, very good cleanable, high load, difficult fine dusts, food/ pharmaceutical and chemical industry
DRG5N	Stainless steel wire mesh 1.4404	yes		yes	900	240 (perm.) 260 (peaks)	Fine separation, food and pharmaceutical industry, washable

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